

Thursday, 20/04/2017

- Miniprepp the yeast toolbox (Pure Yield plasmid Miniprep, Promega)

Friday, 21/04/2017

- Measurement the concentration of the prepped plasmid

Tuesday, 02/05/2017

- PCR of mVenus (PCR protocoll)
 - o Pts1_p1, pts2_p1, pts1_p2
- Gelelectrophoresis, cutting out the PCR Product bands

Wednesday, 03/05/2017

- Gel clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration of gelextracted PCR produkt

Friday, 05/05/2017

- Miniprepp (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid

Friday, 19/05/2017

- PCR (PCR protocoll)
- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)

Tuesday, 23/05/2017

- Gel clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration of gelextracted backbone
- Miniprepp (Pure Yield plasmid Miniprep, Promega)
- Ligation (ligation protocoll)
- *E.coli* transformation (trafo protocoll)

Monday, 05/06/2017

- Testgel of PCR
- Digest PCR products with DpnI
- PCR clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the of PCR clean-up
- Digest PCR and backbone with BsmBI (digeast protocoll)
- PCR clean-up of digested PCR products

- *E.coli* transformation (trafo protocoll)

Tuesday, 06/06/2017

- Gelelectrophoresis of backbone
- Cut out the band
- Gel clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Ligation backbone with PCR product (ligation protokoll)
- Digest backbone with Bsmbl (digest protocoll)
- Transformation of ligationproduct
- Gel clean-up of backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)

Wednesday, 07/06/2017

- Ligation of backbone an PCR product (ligation protocoll)
- Transformation of ligationproduct (trafo protocoll)
- Peck of transformation and make a over night cultures

Thursday, 08/06/2017

- Peck of transformation and make a over night cultures
- Miniprepp (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Reransformazion of toolbox parts (retrafo protocoll)
- Miniprepp (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid

Friday, 09/06/2017

- Miniprepp (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest (digest protocoll)

Tuesday, 13/06/2017

- Testdigest (digest protocoll)
- Gelelectrophoresis

Wednesday, 14/06/2017

- Testdigest with NcoI, EcoRV+PvuII (digest protocoll)
- Gelelectrophoresis
- Digest dropout level 1 with BsaI (digest protcoll)

Tuesday, 20/06/2017

- Testdigest trafo 2 one singel cutter (digest protocoll)
- Gelelectrophoresis
- Gel clean-up dropout level 1 (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)

Wednesday, 21/06/2017

- Liquidcultures of trafo 2
- PCR mVenus (PCR protocoll)
- Test digest backbone with Bsmbl (digest protocoll)
- Retransformation of backbone (retrafo protocoll)

Thursday, 22/06/2017

- Miniprepp the trafo 2 (Pure Yield plasmid Miniprep, Promega)
- Measurement the konzentratiön of the prepped plasmid
- Gelelectrophoresis of PCR and backbone, backbone bands cutting out
- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)

Friday, 23/06/2017

- Miniprepp backbone (Pure Yield plasmid Miniprep, Promega)
- Measurement the konzentratiön of the prepped plasmid
- Digest backbone with Bsmbl
- Gelelectrophoresis
- Testdigest of trafo 2
- Gelelectrophoresis

Monday, 26/06/2017

- PCR (PCR protocoll)
- Digest PCR
- Ligation PCR and backbone
- Transformation (trafo protokoll)
- Liquidcultures

Wednesday, 28/06/2017

- Miniprepp backbone (Pure Yield plasmid Miniprep, Promega)
- Measurement the konzentratiön of the prepped plasmid
- Testdigest
- Gelelectrophoresis

Wednesday, 12/07/2017

- Digest of backbone

- Gelelectrophoresis and cut the bands
- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration
- PCR mVenus (PCR protocoll)
- Gelelectrophoresis and cut the bands
- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration
- Digest PCR products with Bsmbl
- Gelelectrophoresis and cut the bands
- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration

Friday, 14/07/2017

- Digest backbone

Monday, 17/07/2017

- Retrofo Luciferase-biobrick (retrofo protocoll)

Tuesday, 18/08/2017

- Retrofo Luciferase-biobrick (retrofo protocoll)
- PCR mVenus (PCR protocoll)
- Gelelectrophoresis
- PCR clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration
- Digest PCR products with Bsmbl
- Gelelectrophoresis

Wednesday, 19/07/2017

- PCR mVenus (PCR protocoll)
- Gelelectrophoresis
- Retrofo YTK003 (retrofo protocoll)

Thursday, 20/07/2017

- Miniprepp backbone (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- PCR Luciferase
- Gelelectrophoresis
- Testdigest 033-Venus
- PCR Luciferase by differente temperatures (PCR protocoll)
- PCR clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration

- Gelelectrophoresis
- PCR Luciferase (PCR protocoll)
- Gelelectrophoresis

Friday, 21/07/2017

- PCR mVenus (PCR protocoll)
- Gelelectrophoresis
- PCR Luciferase (PCR protocoll)
- Gelelectrophoresis
- Digest venus PCR with Bsmbl
- Gelelectrophoresis

Monday, 24/07/2017

- PCR mVenus
- Gelelectrophoresis

Tuesday, 25/07/2017

- PCR clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Digest PCR with Bsmbl
- Tooldown PCR Luciferase (tem.: 45°C; 45,5°C; 46,7°C; 48,2°C; 50,5°C; 53,4°C; 56,5°C; 59,6°C; 61,8°C; 63,4°C; 64,6°C; 65,6°C)
- Gelelectrophoresis

Wednesday, 26/07/2017

- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)

Thursday, 27/07/2017

- PCR Luciferase (PCR Protocoll, PCR-programm: AL666)
- Gelelectrophoresis

Friday, 28/07/2017

- PCR mVenus (PCR Protocoll)
- Gelelectrophoresis

Monday, 31/07/2017

- PCR clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration of the PCR product

- GoGate level 0 (GoGate lvl 1 protocoll)

Tuesday, 01.08.2017

- Trafo GoGate lvl 0

Sunday, 06/08/2017

- Liquidcultures GoGate lvl 0

Monday, 07/08/2017

- Digest backbone 001 with BsmBI (digest protocoll)
- Miniprepp GoGate lvl 0 plasmid (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- PCR mVenus (PCR protocoll)
- Testdigest GoGate lvl 0 (digest protocoll)
- Testgel PCR mVenus and digst GoGate lvl 0
- PCR clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Measurement the concentration of the PCR product
- Digest PCR product with Bsmbl (digest protocoll)
- Gelelectrophoresis and cut the bands
- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)

Tuesday, 08/08/2017

- Ligation mVenus (ligation protocoll)
- *E.coli* trafo mVenus (trafo protocoll)
- GoGate lvl 1 Luciferase (GoGate 1 protocoll)

Wednesday, 09/08/2017

- *E.coli* trafo Luciferase GoGate 1 (trafo protocoll)
- Liquidcultures mVenus trafo
- Miniprepp GoGate lvl 0 plasmid (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest Luciferase lvl 0
- Testgel

Thursday, 10/08/2017

- Miniprepp mVenus (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Liquidcultures GoGate lvl 1

Friday, 11/08/2017

- Miniprepp Luciferase lvl 1 (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest mVenus lvl 0 (digest protocoll)
- Testgel
- Testdigst Luciferase lvl 0 (digest protocoll)
- Testgel
- Testdigst Luciferase lvl 1 (digest protocoll)
- Testgel

Monday, 14/08/2017

- GoGate lvl 1 mVenus (GoGate 1 protocoll)

Tuesday, 15/08/2017

- GoGate lvl 0 Luciferase (GoGate 2 protocoll)
- Trafo of GoGate lvl 0 and 1 (Trafo protocoll)

Wednesday, 16/08/2017

- GoGate lvl 1 mVenus (GoGate 1 protocoll)
- Retrafo Luciferase 3b-part (retrafo protocoll)
- Trafo GoGate mVenus lvl1 (trafo protocoll)

Thursday, 17/08/2017

- Colony PCR Luciferase lvl 0 (colony PCR protocoll)
- Liquidcultures of retrafo 3b-part, trafo GoGate mVenus lvl1

Friday, 18/08/2017

- Miniprepp Luciferase lvl 1 (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest Luciferase lvl 0 (digest protocoll)
- Testgel
- GoGate Luciferase lvl 0 (GoGate 0 protocoll)
- Trafo for Rene
- Miniprepp Luciferase lvl 1 (Pure Yield plasmid Miniprep, Promega) for Rene

Sunday, 20/08/2017

- GoGate lvl 1 Luciferase (GoGate 1 protocoll)

- Testdigest lvl 0 Luciferase
- Testgel

Monday, 21/08/2017

- GoGate lvl1 Luciferase
- Trafo Luciferase lvl 1 (trafo protocoll)
- Testdigest trafo 3b-part (digest protocoll)
- Testgel
- Testdigest mVenus lvl 1 (digest protocoll)
- Testgel
- GoGate Luciferase lvl 1 (GoGate 1 protocoll)

Tuesday, 22/08/2017

- Colony PCR Luciferase lvl 1 (colony PCR protocoll)
- Testgel
- GoGate lvl1 Luciferase 3b part (GoGate 1 protocoll)
- Liquidcultures GoGate Luciferase lvl 1
- GoGate lvl1 mVenus (GoGate 1 protocoll)

Wednesday, 23/08/2017

- Colony PCR Luciferase lvl 1 (colony PCR protocoll)
- Testgel
- Trafo Luciferase lvl 1 3b-part and lvl 1 mVenus (trafo protocoll)
- Colony PCR Luciferase lvl 1 (colony PCR protocoll)
- Testgel
- Miniprepp Luciferase lvl 1 (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid

Thursday, 24/08/2017

- Colony PCR Luciferase 3b-part (colony PCR protocoll)
- Testgel
- Liquidcultures GoGate mVenus and 3b-part
- Testdigest Luciferase lvl 1 and mVenus lvl1 (digest protokoll9)
- testgel
- GoGate lvl1 Luciferase (GoGate 1 protocoll)

Friday, 25/08/2017

- Miniprepp Luciferase and mVenus (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest Luciferase and mVenus (digest protocoll)
- Testgel

- Liquidcultures of GoGate

Saturday, 26/08/2017

- Miniprepp Luciferase and mVenus (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest Luciferase and mVenus (digest protocoll)
- Testgel

Tuesday, 29/08/2017

- Sequencing of Luciferase lvl 1
- GoGate lvl1 Luciferase (GoGate 1 protocoll)

Wednesday, 30/08/2017

- Trafo of GoGates (trafo protocoll)
- Digest dropout plasmid LEU and URA (digest protocoll)
- Gelelectrophoresis and cut the bands
- Gel clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)

Thursday, 31/08/2017

- Liquidcultures GoGate Luciferase
- Testdigest 3b-part Luciferase (digest protocoll)
- Testgel
- GoGate lvl 1 Luciferase (GoGate 1 protocoll)

Friday, 01/09/2017

- Trafo of GoGates (trafo protocoll)
- Miniprepp Luciferase (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest lvl 1 Luciferase (digest protocoll)
- Testgel
- GoGate lvl 2 Luciferase (GoGate 2 protocoll)

Monday, 04/09/2017

- Miniprepp Luciferase and mVenus (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- GoGate lvl 2 Luciferase (GoGate 2 protocoll)

Tuesday, 05/09/2017

- Testdigest lvl 1+2 Luciferase (digest protocoll)
- Testgel
- GoGate lvl 2 Luciferase (GoGate 2 protocoll)
- GoGate lvl 1 Luciferase (GoGate 1 protocoll)
- Trafo of GoGates (trafo protocoll)

Wednesday, 06/09/2017

- Trafo of GoGates (trafo protocoll)
- Liquidcultures of GoGate Luciferase lvl 1+2

Thursday, 07/09/2017

- Miniprepp Luciferase and mVenus (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest lvl 2 Luciferase (digest protocoll)
- Testgel
- Liquidcultures of GoGate Luciferase lvl 1+2

Friday, 08/09/2017

- Miniprepp Luciferase and mVenus (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid

Sunday, 10/09/2017

- Testdigest lvl 2 Luciferase (digest protocoll)
- Testgel
- GoGate lvl 2 Luciferase (GoGate 2 protocoll)
- GoGate lvl 1 Luciferase (GoGate 1 protocoll)

Monday, 11/09/2017

- Testdigest lvl 2 Luciferase repeat from yesterday (digest protocoll)
- Testgel
- Trafo of GoGates (trafo protocoll)

Tuesday, 12/09/2017

- Testdigest lvl 2 Luciferase 2. repeat from yesterday (digest protocoll)
- Testgel
- GoGate lvl 2 Luciferase (GoGate 2 protocoll)
- Trafo of GoGates lvl 2 (trafo protocoll)
- Retrafo of GoGates (retrafo protocoll)
- Liquidcultures of yeasterdays trafo

Wednesday, 13/09/2017

- Miniprepp Luciferase and mVenus (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest lvl 2+1 Luciferase and mVenus (digest protocoll)
- Testgel
- GoGate lvl 1 Luciferase (GoGate 1 protocoll)

Thursday, 14/09/2017

- GoGate lvl 2 Luciferase (GoGate 2 protocoll)
- Trafo of GoGates lvl 2 (trafo protocoll)
- GoGate lvl 1 (GoGate 1 protocoll)

Friday, 15/09/2017

- Testdigest lvl 2+1 Luciferase and mVenus (digest protocoll)
- Testgel
- colony PCR Level 1+2 (colony PCR protocoll)
- sequencing Luciferase lvl 1

Monday, 18/09/2017

- yeastcultures
- oD₆₀₀ measuren

19/09/2017

- yeast fix for microscopies
- glycins produce (yeastglycis protocoll)
- Trafo of Vio A, B and E (trafo protocoll)
- Yeast Trafo (yeasttrafo protocoll)
- GoGate lvl 1 (GoGate 1 protocoll)

20/09/2017

- Trafo of GoGate (trafo protocoll)

21/09/2017

- Miniprepp Luciferase (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- colony PCR Level 1+2 (colony PCR protocoll)

25/09/2017

- liquidcultures Luciferase lvl 1
- GoGate lvl 1 (GoGate 1 protocoll)

26/09/2017

- Trafo of GoGate (trafo protocoll)
- PCR of Luciferase controlls (PCR protocoll)
- Testgel
- PCR clean-up backbone (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- GoGate lvl 0 of controlls (GoGate 0 protocoll)
- Measurement of Luciferase in yeast

27/09/2017

- Trafo of GoGate (trafo protocoll)
- colony PCR Level 1 (colony PCR protocoll)
- testgel
- liquidcultures

28/09/2017

- Miniprepp (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest lvl 2+1 Luciferase and mVenus (digest protocoll)
- Testgel
- Sequenzing Luciferase lvl 1+0
- colony PCR Level 1 (colony PCR protocoll)
- testgel
- liquidcultures

29/09/2017

- Miniprepp Luciferase (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testdigest lvl 0Luciferase and mVenus (digest protocoll)
- Testgel

09/10/2017

- PCR of biobricks Luciferase (PCR protocoll)
- testgel

11/10/2017

- PCR of biobricks Luciferase (PCR protocoll)
- Testgel

18/10/2017

- Digest Biobricks

19/10/2017

- PCR clean-up (NucleoSpin Gel and PCR clean-up, Macherey-Nagel)
- Ligation (ligation protocoll)
- GoGate lvl 1 for Marvin (GoGate 1 protocoll)
- mVenus yeast trafo

20/10/2017

- Trafo for Jan and Marvin (trafo protocoll)
- Prepare yeast cultures for westernblot

21/09/2017

- Liquidcultures
- Miniprepp Luciferase (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid
- Testgel of colony PCR
- DpnI digest for Jans PCR (digest protocoll)
- PCR biobricks for Hendik (PCR protocoll)
- Testgel colony PCR val S for Marvin

24/10/2017

- PCR (PCR protocoll)
- Digest of PCR droducts (digest protocoll)
- Ligation (ligation protocoll)
- Trafo (trafo protocoll)

25/10/2017

- Liquid cultures

26/10/2017

- Miniprepp Luciferase (Pure Yield plasmid Miniprep, Promega)
- Measurement the concentration of the prepped plasmid

- Testdigest (digestprotocoll)
- Gelelectrophoresis

27/10/2017

- Liquidcultures

28/10/2017

- liquidcultures

28/09/2017

- Miniprepp (Pure Yield plasmid Miniprep, Promega)
- Testdigest (digest protocoll)